

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

DONG-KYUN SEO et al.

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 20 February 2002

Art Unit: *to be assigned*

For: METAL CATHODE AND INDIRECTLY HEATED CATHODE ASSEMBLY  
HAVING THE SAME

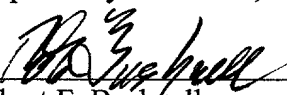
**TRANSMITTAL OF DECLARATION**

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell,  
Attorney for the Applicant  
Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W.  
Washington, D.C. 20005  
(202) 408-9040

Folio: P56645  
Date: 20 February 2002  
I.D.: REB/sb

200220 292400

PTO/SB701 (6/95)

**DECLARATION**Docket No. P56645

AS A BELOW NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below), of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE: **METAL CATHODE AND INDIRECTLY HEATED CATHODE ASSEMBLY HAVING THE SAME**

the specification of which either is attached hereto or otherwise accompanies this Declaration, or:



was filed in the U.S. Patent &amp; Trademark Office on \_\_\_\_\_ and assigned Serial No. \_\_\_\_\_



and (if applicable) was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability and to the examination of this application in accordance with Title 37 of the Code of Federal Regulations § 1.56. I hereby claim foreign priority benefits under Title 35, U.S. Code § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, or § 119(c) of any United States provisional application(s), listed below and have also identified below any foreign applications for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

|  |                                       |   |   |
|--|---------------------------------------|---|---|
| <u>2001-8753</u><br>(Application Number) | <u>Republic of KOREA</u><br>(Country) | <u>21 February 2001</u><br>(Day/Month/Year filed) | Priority Claimed:<br>Yes [ <input checked="" type="checkbox"/> ] No [ ] |
| <u>  </u><br>(Application Number)        | <u>  </u><br>(Country)                | <u>  </u><br>(Day/Month/Year filed)               | Yes [ ] No [ ]  |
| <u>  </u><br>(Application Number)        | <u>  </u><br>(Country)                | <u>  </u><br>(Day/Month/Year filed)               | Yes [ ] No [ ]  |

I hereby claim the benefit under Title 35, U.S. Code, § 120, of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of Title 35, U.S. Code, § 112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, The Code of Federal Regulations, § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

|                                       |                            |   |
|---------------------------------------|----------------------------|---|
| <u>  </u><br>(Application Serial No.) | <u>  </u><br>(Filing Date) | <u>  </u><br>(STATUS: patented, pending, abandoned) |
| <u>  </u><br>(Application Serial No.) | <u>  </u><br>(Filing Date) | <u>  </u><br>(STATUS: patented, pending, abandoned) |

I hereby revoke all previously granted powers of attorney and appoint the following attorneys: Robert E. Bushnell, Reg. No. 27,774, Michael D. Parker, Reg. No. 34,973, and Darren R. Crew, Reg. No. 37,806, to prosecute this application and to transact all business in the U.S. Patent & Trademark Office connected therewith and with any divisional, continuation, continuation-in-part, reissue or re-examination application, with full power of appointment and with full power to substitute an associate attorney or agent, and to receive all patents which may issue thereon, and request that all correspondence be addressed to:

Robert E. Bushnell,  
Attorney-at-Law  
Suite 300, 1522 "K" Street, N.W.  
Washington, D.C. 20005-1202

Payer No. 008439  
Area Code: 202-408-9040

I HEREBY DECLARE that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF FIRST OR SOLE INVENTOR: DONG-KYUN SEO  
Inventor's signature: Dong Kyun Seo  
Residence & Post Office Address: 806-1603, Dongsan Apt., Byukjookgol, Youngtong-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea

Citizenship: Republic of KOREA  
Date: 18 Feb. 2002

FULL NAME OF SECOND JOINT INVENTOR: JONG-SEO CHOI  
Inventor's signature: Jong Seo Choi  
Residence & Post Office Address: 102-2402, Hyundai Apt., 275-1, Seoksoo-dong, Manan-gu, Anyang-city, Kyungki-do, Republic of Korea

Citizenship: Republic of KOREA  
Date: 18 Feb. 2002

FULL NAME OF THIRD JOINT INVENTOR: KYOUNG-CHEON SON  
Inventor's signature: Kyoung Cheon Son  
Residence & Post Office Address: 104-308, Wolscheon Hankook Apt., Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea

Citizenship: Republic of KOREA  
Date: 18 Feb. 2002

FULL NAME OF FOURTH JOINT INVENTOR: KYU-NAM JOO  
Inventor's signature: Kyu Nam Joo  
Residence & Post Office Address: 109-1904, Taeyoung Apt., Dacheung-dong, Mapo-gu, Seoul, Republic of Korea

Citizenship: Republic of KOREA  
Date: 18 Feb. 2002

Additional inventors are being named on separately numbered sheets attached hereto.

Docket No. PS6645

Citizenship: Republic of KOREA

Geddy - Human Mover

Date: 18 Feb. 2002

Citizenship: Republic of KOREA

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Date: 18 Feb. 2002

**Citizenship:** Republic of KOREA

Seung-Kwon Han

Date-18 Feb. 2002

**Citizenship:** Republic of KOREA

5 in bucket

Date: 18 Feb. 2002

Citizenship: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_

**Citizenship:**

Date: \_\_\_\_\_

Residence &amp; Post Office Address:

## DECLARATION

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TITLE: *METAL CATHODE AND INDIRECTLY HEATED CATHODE ASSEMBLY HAVING THE SAME*

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☐ was filed in the U.S. Patent & Trademark Office on \_\_\_\_\_ and assigned Serial No. \_\_\_\_\_

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|                      |                   |                        |                                     |
|----------------------|-------------------|------------------------|-------------------------------------|
| 2001-8753            | Republic of KOREA | 21 February 2001       | Priority Claimed:<br>Yes [X] No [ ] |
| (Application Number) | (Country)         | (Day/Month/Year filed) |                                     |
| _____                | _____             | _____                  | Yes [ ] No [ ]                      |
| (Application Number) | (Country)         | (Day/Month/Year filed) |                                     |
| _____                | _____             | _____                  | Yes [ ] No [ ]                      |
| (Application Number) | (Country)         | (Day/Month/Year filed) |                                     |

I hereby claim the benefit under Title 35, U.S. Code, §120, of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of Title 35, U.S. Code, §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, The Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

|                          |               |  |
|--------------------------|---------------|--|
| (Application Serial No.) | (Filing Date) | (STATUS: patented, pending, abandoned) |
| _____                    | _____         | _____                                  |
| (Application Serial No.) | (Filing Date) | (STATUS: patented, pending, abandoned) |
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Attorney-at-Law  
Suite 300, 1522 "K" Street, N.W.  
Washington, D.C. 20005-1202

Payor No. 008439  
Area Code: 202-408-9040

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FULL NAME OF FIRST OR SOLE INVENTOR: DONG-KYUN SEO Citizenship: Republic of KOREA

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence & Post Office Address: 806-1603, Doosan Apt., Byukjeokgol, Youngtong-dong, Paldal-gu,  
Suwon-city, Kyungki-do, Republic of Korea

FULL NAME OF SECOND JOINT INVENTOR: JONG-SEO CHOI Citizenship: Republic of KOREA

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence & Post Office Address: 102-2402, Hyundai Apt., 275-1, Seoksoo-dong, Manan-gu, Anyang-city,  
Kyungki-do, Republic of Korea

FULL NAME OF THIRD JOINT INVENTOR: KYOUNG-CHEON SON Citizenship: Republic of KOREA

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence & Post Office Address: 104-308, Woncheon Hankook Apt., Maetan-dong, Paldal-gu,  
Suwon-city, Kyungki-do, Republic of Korea

FULL NAME OF FOURTH JOINT INVENTOR: KYU-NAM JOO Citizenship: Republic of KOREA

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence & Post Office Address: 109-1904, Taeyoung Apt., Daeheung-dong, Mapo-gu, Seoul, Republic of Korea

☐ Additional inventors are being named on separately numbered sheets attached hereto.

# DECLARATION (Page Two)

Docket No. P56645

FULL NAME OF FIFTH JOINT INVENTOR: SUNG-HWAN MOON

Citizenship: Republic of KOREA

Inventor's signature: \_\_\_\_\_  
Residence & Post Office Address: 528-1804, Jinro Apt., Baekseolmaeul, Jeongja 1-dong, Jangan-gu, Suwon-city,  
Kyungki-do, Republic of Korea

Date: \_\_\_\_\_

FULL NAME OF SIXTH JOINT INVENTOR: YOON-CHANG KIM

Citizenship: Republic of KOREA

Inventor's signature: \_\_\_\_\_  
Residence & Post Office Address: 234-1103, Poonglim Apt., Hwanggolmaeul, Youngtong-dong, Paldal-gu,  
Suwon-city, Kyungki-do, Republic of Korea

Date: \_\_\_\_\_

FULL NAME OF SEVENTH JOINT INVENTOR: SEUNG-KWON HAN

Citizenship: Republic of KOREA

Inventor's signature: \_\_\_\_\_  
Residence & Post Office Address: 102-302, Hanshin 2cha Apt., Jamwon-dong, Seocho-gu, Seoul, Republic of Korea

Date: \_\_\_\_\_

FULL NAME OF EIGHTH JOINT INVENTOR: BU-CHUL SIN

Citizenship: Republic of KOREA

Inventor's signature: \_\_\_\_\_  
Residence & Post Office Address: 539-21, Oksoo 1-dong, Seongdong-gu, Seoul, Republic of Korea

Date: \_\_\_\_\_

FULL NAME OF NINTH JOINT INVENTOR: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Inventor's signature: \_\_\_\_\_  
Residence & Post Office Address: \_\_\_\_\_

Date: \_\_\_\_\_

FULL NAME OF TENTH JOINT INVENTOR: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Inventor's signature: \_\_\_\_\_  
Residence & Post Office Address: \_\_\_\_\_

Date: \_\_\_\_\_